



## PATENT APPLICATION

### **THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Group: 1725 ) Certificate Under 37 CFR § 1.10  
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Docket: 12004 ) deposited with the United States Postal Service with  
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 ) 22313-1450.  
 )  
Applicant: Cao et al. )  
Title: Resistance Spot Welding Electrode )  
Serial No.: 10/634,020 )  
Filed: August 04, 2003 )  
Examiner: Tran, Len )  
 )  
on 6/20/2005  
Judy Readman  
Judy Readman  
ED 794591056 US  
Mailing Label No.

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith are patents, publications, or other information, which may be material, as defined in 37 CFR § 1.56(b), to the examination of this application, and in respect of which, there may be a duty to disclose in accordance with 37CFR § 1.56(a). Also submitted herewith is form PTO/SB/08B on which are listed all cited items of information.

The following references are enclosed:

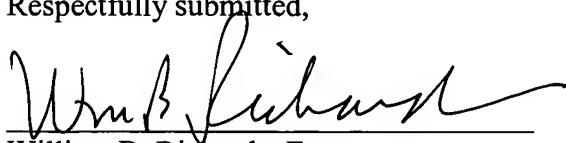
#### Other Art – Non-Patent Literature Documents:

KUMAGAI, MASAKI; High Performance Electrode Material For Resistance Spot Welding In Al Alloy Autobody Sheets; Materials & Body Testing; IBEC 1995; pp 32-36

While the information referred to in this Information Disclosure Statement may be material pursuant to 37 CFR §1.56(b), the filing of this Information Disclosure Statement is not intended, pursuant to 37 CFR §1.97(h), to constitute an admission that any patent, publication, or other information referred to is, or is considered to be, material to the patentability of this invention. Further, pursuant to 37 CFR §1.97(g), the filing of this Information Disclosure Statement should not be construed as a representation that a search has been made. Finally, the filing of this Information Disclosure Statement shall not be construed as a representation that no other material information exists and shall not be construed as an admission against interest in any manner.

Pursuant to 37 CFR § 1.97(c), this Information Disclosure Statement is being filed before the mailing date of a Final Office Action under 37 CFR § 1.113 and before the mailing date of a Notice of Allowance under 37 CFR § 1.311. A fee of \$180.00 as set forth in 37 CFR § 1.17(p) for submission of an Information Disclosure Statement under 37 CFR § 1.97(c)(2) is enclosed. Please charge any additional fee or credit any overpayment in connection with this submission to the Applicant's Deposit Account 021266. A duplicate authorization of this authorization is enclosed.

Respectfully submitted,



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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1 Attorney Docket Number 12004

**Complete if Known**

<b>Application Number</b>	10/634,020
<b>Filing Date</b>	08-04-2003
<b>First Named Inventor</b>	Cao et al.
<b>Art Unit</b>	1725
<b>Examiner Name</b>	Tran, Len

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A1	KUMAGAI, MASAKI; High Performance Electrode Material For Resistance Spot Welding in Al Alloy Autobody Sheets; Materials & Body Testing; IBEC 1995	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.  
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:  
**Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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